

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-2. (Cancelled)

3. (Currently Amended) The liquid drop discharge device according to Claim [[2]] 25,

wherein the ~~trajectory correcting means drives~~ light beams drive the liquid drops ~~drop~~ by light pressure generated by the light energy.

4. (Currently Amended) The liquid drop discharge device according to Claim [[2]] 25,

wherein the ~~trajectory correcting means drives~~ light beams drive the liquid drops ~~drop~~ by kinetic energy of molecules generated when atmosphere around the liquid ~~drop~~ trajectory predetermined trajectories absorbs the light energy.

5. (Currently Amended) The liquid drop discharge device according to Claim [[4]] 25,

wherein the liquid drops contain ~~drop contains~~ a photothermal converting material for absorbing and converting the light energy into heat.

6-16. (Cancelled)

17. (Currently Amended) A printing device comprising the liquid drop discharge device according to Claim 4 25,

wherein the liquid drop discharge device is used to carry out printing.

18-24. (Cancelled)

25. (New) A liquid drop discharge device, comprising:
a substrate;

a plurality of discharge heads supported above the substrate, each of the discharge heads having a nozzle and selectively discharging liquid drops through the nozzle to the substrate, the liquid drops from each of the discharge heads having a predetermined trajectory from the nozzles to the substrate; and

a plurality of laser devices each supported proximate one of the discharge heads, each of the laser devices having a plurality of lenses surrounding the nozzle of one of the discharge heads, each of the laser devices emitting a plurality of light beams surrounding the predetermined trajectory of liquid drops from one of the discharge heads, the light beams providing light energy to the liquid drops when the liquid drops divert from the predetermined trajectories.

26. (New) A liquid drop discharge device, comprising:

a stage;

a substrate supported on the stage, the stage and the substrate being capable of transmitting light;

a discharge head disposed so as to face the substrate, the discharge head selectively discharging liquid drops to the substrate, the liquid drops having a predetermined trajectory from the discharge head to the substrate; and

a head unit disposed so as to face the stage opposite the discharge head, the head unit including a laser device emitting a plurality of light beams through the stage and the substrate, the light beams surrounding the predetermined trajectory of the liquid drops, the light beams providing light energy to the liquid drops when the liquid drops divert from the predetermined trajectory, the head unit further including a collimator and a diffracting element disposed between the laser device and the stage so that the light beams pass therethrough.